

Morbidity and Mortality

Weekly
Report



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Provisional Information on Selected Notifiable Diseases in the United States for Week Ended June 20, 1953

Beginning with this issue, the current week will be compared with the week of the previous year which most nearly corresponds with the date of the former. For instance, in this issue the week ended June 20, 1953, is compared with the week ended June 21, 1952. Adjustments in cumulative totals have been made to reflect this change, but some medians will be omitted until similar adjustments can be made.

The number of poliomyelitis cases reported for the current week is 403, exclusive of Rhode Island for which no report was received, as compared with 305 for the previous week, and 420 for the same week in 1952. The cumulative total for the calendar year is 3,525 as compared with 2,973 for the same period of 1952; and for the "disease year," the cumulative total is 2,011 as compared with 1,778 for last year.

For the current week, Missouri reported the largest increase over the previous week, 25 cases as compared with 2 for the week ended June 13. States reporting fairly substantial increases were Georgia, Texas, and California. Many others reported moderate increases, and some reported fewer cases.

A high proportion of the cases continue to be reported as nonparalytic.

The cases reported in California for the current week were scattered except for 15 in Los Angeles County, 13 of which were nonparalytic, and 4 in San Diego County. No deaths were reported. In Minnesota 6 of the 15 cases were in Ramsey County where 1 death occurred. In North Carolina, the 12 cases were scattered in 9 different counties. In Ohio, the 15 cases reported were distributed in 10 scattered counties of the State.

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Anthrax in animals

According to the monthly report from the Department of Agriculture, there were no outbreaks of anthrax in animals in 37 States, the District of Columbia, and Puerto Rico during May 1953. However, 13 outbreaks occurred in 10 States. As a result of these outbreaks 17 cattle and 10 swine were lost. Infected soil was the source of 4 outbreaks and contaminated feed caused 2. A supplemental report for April shows that 2 outbreaks occurred in 2 States. The losses were 9 cattle and 5 swine. The source of infection was not determined.

Outbreak of disease in animals

Dr. John H. Scruggs, Communicable Disease Center, has supplied a preliminary report of an outbreak among cattle in the south central part of Alabama. About 69 animals, principally young ones, in several herds have been affected with an acute illness with hematuria. Twenty-nine animals were known to have died. Laboratory studies are in progress on specimens collected.

Tuberculosis

Dr. N. H. Dyer, West Virginia Department of Health, reports that *Mycobacterium tuberculosis var. bovis* has been isolated from a 25-year-old woman. A premature baby was born to this patient and was discharged from the hospital in good condition, but has

been given BCG vaccine since that time. The patient states that she was in a labor camp in Germany for 3 years (1942-45). There was a large herd of cattle in this camp which supplied the milk. Her husband states that they have never owned a cow and that they have used only pasteurized milk from a local plant since the patient has been in this country. One child of this family has developed tuberculosis meningitis and has been under treatment in a sanatorium. Another child had a negative chest X-ray 1 year ago, and it is expected that he will have another examination within the next few weeks.

Gastro-enteritis

Dr. W. L. Halverson, Director, California Department of Public Health, reports that 2 persons became ill following an evening meal served at an inn. The illnesses occurred 5 1/2 and 11 1/2 hours after eating spaghetti and meatballs. Sales checks disclosed that 18 persons were served the spaghetti dinner but only the 2 cases were reported. The spaghetti and a sauce of ground beef and tomatoes were prepared and cooked about noon. *Staphylococcus aureus* was found in the spaghetti and meatballs. Dr. Halverson also reports that 1 person became ill with nausea, vomiting, abdominal cramps, and diarrhea about 3 hours after eating in a cafeteria. Hemolytic *Staphylococcus aureus* was found in a sample of cornbread which had been taken from the counter. Samples taken from the distributing company have all proved negative for pathogenic organisms.

Dr. L. L. Parks, Florida State Board of Health, reports an outbreak of gastro-enteritis among a group of women who held a luncheon in a hotel. Ten persons became ill 6 to 12 hours after eating chicken salad. These women developed severe abdominal cramps and profuse watery diarrhea, some complained of weakness and malaise, and about 50 percent had a low fever. All stool specimens were negative. The source of infection was not determined.

Dr. Milton Tully, District Health Officer, New York State Department of Health, reports an outbreak of gastro-enteritis in a school of 600 students. Sixty became ill from 5 to 20 hours after eating lunch at the school. The lunch consisted of fricassee turkey, mashed potatoes, peas, gravy, buttered rolls, milk, peaches, and fruit cocktail. Except for the turkey the food was prepared that morning. The milk was pasteurized and served in individual containers. The suspected vehicle of infection was the turkey which was frozen surplus. The frozen turkeys were removed from a frozen food locker and placed in a cooler (36°F) at the school 5 days prior to serving the meal. Preparation of the fricassee turkey began 2 days prior to serving the meal. It was determined that during these 2 days the meat was not properly handled. No food was available for laboratory examination, and stool specimens from 5 patients were negative. A frozen turkey from the same shipment as those used for the lunch showed streptococci producing green discoloration on medium containing blood.

Dr. Tartakow, Nassau County Health Department, New York, reports that 6 teachers became ill with diarrhea and abdominal cramps from 6 to 12 hours after eating a school lunch. The

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meal consisted of chow mein with noodles and rice, bread pudding tea, coffee, and milk. There were 152 children and 19 adults who ate this food without any ill effects. It is possible that only a portion of the food was contaminated. No laboratory tests were made.

Dr. A. M. Washburn, Arkansas State Board of Health, reports an outbreak of gastro-enteritis involving 15 persons following a community gathering and picnic lunch. No other details were given.

Communicable diseases in other areas

The outbreak of smallpox in England is considered to be at an end, no cases having been reported since May 10. Information has been received of an outbreak of poliomyelitis in the Egedesminde District of Greenland. There were 12 cases with 1 death during a 4-day period in March. Three more deaths were reported later. More recently 3 new cases, all with paralysis, were reported from the same area.

Table 1. COMPARATIVE DATA FOR CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	TOTAL FOR WEEK ENDED		Approximate seasonal low week ended	CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK		CUMULATIVE TOTAL FOR CALENDAR YEAR	
	June 20, 1953	June 21, 1952		1952-53	1951-52	1953	1952
Anthrax-----062	-	1	(¹)	(¹)	(¹)	20	19
Botulism-----049.1	-	-	(¹)	(¹)	(¹)	6	8
Brucellosis (undulant fever)-----044	35	60	(¹)	(¹)	(¹)	2,744	972
Diphtheria-----055	42	29	July 1	2,670	3,599	1,000	1,354
Encephalitis, acute infectious-----082	9	11	(¹)	(¹)	(¹)	464	585
Hepatitis, infectious, and serum-----092,N998.5 pt.	578	298	(¹)	(¹)	(¹)	16,231	8,580
Malaria-----110-117	81	360	(¹)	(¹)	(¹)	402	2,192
Measles-----085	13,954	14,148	Sept. 1	402,115	667,731	370,681	606,058
Meningococcal infections-----057	79	79	Sept. 1	³ 4,430	4,104	³ 3,156	2,862
Poliomyelitis, acute-----080	403	420	Apr. 1	⁴ 2,011	1,778	⁴ 3,525	2,973
Rabies in man-----094	-	-	(¹)	(¹)	(¹)	2	7
Rocky Mountain spotted fever-----104A	13	14	(¹)	(¹)	(¹)	97	98
Scarlet fever and streptococcal sore throat-----050,051	2,226	1,442	Aug. 1	128,669	87,477	92,081	70,023
Smallpox-----084	⁵ 1	-	(¹)	(¹)	(¹)	17	11
Trichiniasis-----128	6	14	(¹)	(¹)	(¹)	135	177
Tularemia-----059	12	12	(¹)	(¹)	(¹)	254	318
Typhoid fever-----040	51	48	Apr. 1	⁶ 470	414	⁶ 753	795
Typhus fever, endemic-----101	9	8	Apr. 1	54	51	92	78
Whooping cough-----056	816	796	Oct. 1	24,154	40,909	15,627	25,794
Rabies in animals-----	106	205	(¹)	(¹)	(¹)	3,826	4,414

¹Not computed.²Deduction: Mississippi, week ended June 6, 1 case.³Addition: Oregon, week ended June 6, 1 case.⁴Deduction: Alabama, week ended June 6, 2 cases.⁵Reported in South Carolina.⁶Deduction: Alabama, week ended May 23, 1 case.

SOURCE AND NATURE OF DATA

These provisional data are based on reports from State and territorial health departments to the Public Health Service. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding

Saturday. When the diseases which rarely occur (cholera, dengue, plague, typhus fever—epidemic, and yellow fever) are reported, they will be noted under the table above.

Symbols.—1 dash [-]: no cases reported; asterisk [*]: disease stated not notifiable; parentheses, [()]: data not included in total; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED JUNE 20, 1953

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	DIPHTHERIA (055)		HEPATITIS, INFECTIOUS, AND SERUM (092, N998.5 pt.)		MEASLES (085)		MENINGOCOCCAL INFECTIONS (057)		POLIOMYELITIS, ACUTE (080)		SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)	
	24th week		24th week		24th week		24th week		24th week		24th week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES-----	42	29	578	298	13,954	14,148	79	79	403	420	2,226	1,442
NEW ENGLAND-----	1	-	30	2	178	1,238	3	3	5	2	165	114
Maine-----	-	-	8	1	34	130	-	-	-	-	45	3
New Hampshire-----	-	-	-	-	1	5	-	-	1	1	4	2
Vermont-----	-	-	-	-	19	144	1	-	-	-	1	1
Massachusetts-----	-	-	21	1	64	455	2	2	1	1	53	52
Rhode Island-----	-	-	-	-	-	37	-	1	-	-	12	5
Connecticut-----	1	-	1	-	60	467	-	-	3	-	50	51
MIDDLE ATLANTIC-----	3	7	116	31	872	3,468	13	15	29	17	391	377
New York-----	2	2	100	25	383	1,489	4	8	22	15	283	276
New Jersey-----	1	-	-	-	128	1,528	4	3	2	1	65	62
Pennsylvania-----	-	5	16	6	361	451	5	4	5	1	43	39
EAST NORTH CENTRAL-----	-	2	72	11	3,499	5,297	14	12	36	40	261	356
Ohio-----	-	2	25	1	731	1,545	6	4	15	18	53	111
Indiana-----	-	-	21	8	370	70	-	1	5	6	13	16
Illinois-----	-	-	13	-	483	529	3	4	10	6	44	43
Michigan-----	-	-	8	2	909	1,103	2	3	4	4	107	132
Wisconsin-----	-	-	5	-	1,006	2,050	3	-	2	6	44	54
WEST NORTH CENTRAL-----	4	-	122	16	744	370	9	6	67	31	36	42
Minnesota-----	1	-	39	-	59	100	2	1	15	3	11	18
Iowa-----	-	-	23	3	280	115	1	4	9	16	8	3
Missouri-----	3	-	33	11	226	49	3	-	25	3	4	11
North Dakota-----	-	-	-	1	34	19	-	-	1	1	3	1
South Dakota-----	-	-	-	-	7	3	-	-	-	-	2	1
Nebraska-----	-	-	16	-	35	49	-	-	6	5	5	2
Kansas-----	-	-	1	1	103	35	3	1	11	3	3	6
SOUTH ATLANTIC-----	12	3	67	172	711	840	9	9	47	38	143	85
Delaware-----	-	-	-	-	4	21	-	-	-	-	3	1
Maryland-----	-	-	21	3	85	52	2	2	1	-	30	12
District of Columbia-----	-	-	-	-	11	14	-	-	-	-	3	-
Virginia-----	-	1	24	22	120	371	-	4	6	5	76	56
West Virginia-----	-	-	6	1	206	97	-	-	1	5	13	2
North Carolina-----	7	2	5	34	131	114	3	-	12	8	13	7
South Carolina-----	4	-	1	2	52	36	2	1	1	1	1	1
Georgia-----	-	-	10	104	46	64	1	-	17	7	3	4
Florida-----	1	-	-	6	56	71	1	2	9	12	1	2
EAST SOUTH CENTRAL-----	10	7	71	33	138	326	6	10	50	34	53	13
Kentucky-----	2	1	29	7	65	99	-	3	2	3	22	2
Tennessee-----	3	4	16	11	22	98	2	1	8	2	23	6
Alabama-----	3	1	13	10	17	109	2	3	28	8	6	4
Mississippi-----	2	1	13	5	34	20	2	3	12	21	3	1
WEST SOUTH CENTRAL-----	9	9	22	4	2,391	597	6	6	107	171	685	117
Arkansas-----	-	1	3	4	102	97	-	-	8	4	31	5
Louisiana-----	3	-	-	-	126	13	2	1	21	17	5	2
Oklahoma-----	1	-	1	-	96	50	1	-	13	4	6	11
Texas-----	5	8	18	-	2,067	437	3	5	65	146	643	99
MOUNTAIN-----	-	-	10	7	1,118	415	3	3	19	20	165	174
Montana-----	-	-	-	-	69	77	-	1	1	7	5	5
Idaho-----	-	-	6	-	103	51	-	-	1	1	11	5
Wyoming-----	-	-	-	-	40	12	-	-	2	2	91	31
Colorado-----	-	-	2	2	373	77	2	1	7	2	19	7
New Mexico-----	-	-	-	5	142	27	1	1	2	2	9	2
Arizona-----	-	-	-	-	264	36	-	-	4	6	13	97
Utah-----	-	-	2	-	127	125	-	-	2	-	17	27
Nevada-----	-	-	-	-	-	10	-	-	-	-	-	-
PACIFIC-----	3	1	68	22	4,303	1,597	16	15	43	67	327	164
Washington-----	1	-	17	-	583	201	2	1	2	12	41	10
Oregon-----	-	-	25	10	328	107	1	1	1	2	15	14
California-----	2	1	26	12	3,392	1,289	13	13	40	53	271	140
Alaska-----	(-)	(-)	(-)	(-)	(7)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Hawaii-----	(-)	(-)	(1)	(1)	(2)	(14)	(1)	(-)	(1)	(6)	(1)	(-)
Puerto Rico-----	(2)	(10)	(-)	(-)	(53)	(56)	(-)	(-)	(2)	(-)	(-)	(-)

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Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED

JUNE 20, 1953

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	24th week ended June 20, 1953	23rd week ended June 13, 1953	CUMULATIVE NUMBER FOR FIRST 24 WEEKS		CITY	24th week ended June 20, 1953	23rd week ended June 13, 1953	CUMULATIVE NUMBER FOR FIRST 24 WEEKS	
			1953	1952				1953	1952
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston	188	213	5,668	5,632	St. Paul	60	54	1,599	1,493
Bridgeport	29	41	801	846	Wichita	63	29	1,029	951
Cambridge	22	38	696	760	SOUTH ATLANTIC				
Fall River	22	37	699	687	Atlanta	85	103	2,610	2,416
Hartford	36	47	1,124	1,077	Baltimore	200	240	5,740	5,712
Lowell	20	22	630	615	Charlotte	21	24	706	648
Lynn	26	30	543	539	Miami	55	48	1,512	1,330
New Bedford	20	23	579	568	Norfolk	22	26	784	735
New Haven	38	42	1,085	1,048	Richmond	56	55	1,598	1,672
Providence	47	46	1,495	1,554	Tampa	48	46	1,378	1,393
Somerville	10	19	382	401	Washington, D. C.	134	166	4,420	4,186
Springfield, Mass.	29	44	981	912	Wilmington, Del.	29	50	813	777
Waterbury	18	28	651	592	EAST SOUTH CENTRAL				
Worcester	73	71	1,434	1,356	Birmingham	83	59	1,769	1,631
MIDDLE ATLANTIC					Chattanooga	47	28	1,176	1,108
Albany	29	39	1,107	992	Knoxville	31	30	821	814
Buffalo	143	147	3,550	3,442	Louisville	69	104	2,598	2,377
Camden	34	36	871	900	Memphis	112	93	2,548	2,291
Elizabeth	20	29	736	781	Mobile	56	28	777	786
Erie	38	33	844	807	Montgomery	(26)	(28)	(685)	(631)
Jersey City	75	54	1,737	1,765	Nashville	64	48	1,298	1,255
Newark, N. J.	115	96	2,618	2,572	WEST SOUTH CENTRAL				
New York City	1,452	1,633	39,603	38,651	Austin	24	25	614	555
Paterson	30	34	959	974	Baton Rouge	11	9	352	379
Philadelphia	414	438	11,915	11,706	Corpus Christi	18	16	439	407
Pittsburgh	161	172	4,285	4,299	Dallas	102	89	2,317	2,129
Rochester, N. Y.	86	85	2,349	2,270	El Paso	33	18	719	638
Schenectady	21	28	597	553	Fort Worth	66	48	1,432	1,292
Syracuse	51	41	1,293	1,293	Houston	102	150	3,006	2,797
Trenton	46	61	1,214	1,075	Little Rock	48	41	1,059	1,128
Utica	29	26	775	743	New Orleans	151	182	3,917	3,734
Yonkers	29	33	659	703	Oklahoma City	66	63	1,366	1,253
EAST NORTH CENTRAL					San Antonio	94	75	2,029	1,836
Akron	53	49	1,455	1,321	Shreveport	47	47	1,012	923
Canton	13	27	693	670	Tulsa	40	25	920	921
Chicago	613	753	18,610	17,904	MOUNTAIN				
Cincinnati	151	135	3,692	3,489	Albuquerque	28	18	657	595
Cleveland	208	195	5,134	5,120	Colorado Springs	14	15	321	291
Columbus	75	96	2,590	2,453	Denver	111	100	2,747	2,534
Dayton	---	(67)	---	(1,476)	Ogden	19	13	293	320
Detroit	185	305	7,813	7,542	Phoenix	15	16	580	521
Evansville	42	34	828	809	Pueblo	9	9	338	252
Flint	33	36	897	817	Salt Lake City	33	51	1,086	961
Fort Wayne	30	30	737	733	Tucson	(3)	(6)	(134)	(131)
Grand Rapids	25	36	969	915	PACIFIC				
Indianapolis	107	112	2,762	2,692	Berkeley	17	13	428	471
Milwaukee	104	103	3,037	2,921	Long Beach	48	46	1,166	1,142
Peoria	30	31	762	706	Los Angeles	320	470	11,041	10,876
South Bend	22	31	589	547	Oakland	80	97	2,384	2,385
Toledo	85	94	2,273	2,160	Pasadena	40	35	853	769
Youngstown	49	40	1,323	1,168	Portland, Ore.	77	107	2,505	2,348
WEST NORTH CENTRAL					Sacramento	43	56	1,174	1,127
Des Moines	38	64	1,218	1,243	San Diego	66	57	1,776	1,752
Duluth	23	23	637	620	San Francisco	164	194	4,766	4,670
Kansas City, Kans.	---	---	---	(864)	Seattle	100	112	2,839	2,722
Kansas City, Mo.	165	124	3,131	2,805	Spokane	39	37	1,025	995
Minneapolis	150	128	3,237	2,804	Tacoma	35	32	828	836
Omaha	70	60	1,651	1,549	Honolulu	(30)	(42)	(771)	(800)
St. Louis	259	262	6,190	5,717					

Symbols.—parentheses [()]: data not included in table 4; 3 dashes [---]: data not available.